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(5)

JUL 01 2002  
PATENT & TRADEMARK  
OFFICE

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/648,777
Filing Date	August 28, 2000
First Named Inventor	SHI, Song-Hua, et al.
Group Art Unit	1773
Examiner Name	Not Assigned
Total Number of Pages in This Submission	Attorney Docket Number
	GTRC55

**ENCLOSURES (check all that apply)**

Fee Transmittal Form  
 Fee Attached  
 Amendment/Reply  
 After Final  
 Affidavits/declaration(s)  
 Extension of Time Request  
 Express Abandonment Request  
 Information Disclosure Statement

Assignment Papers  
 Drawing(s)  
 Licensing-related Papers  
 Petition  
 Petition to Convert to a Provisional Application  
 Power of Attorney, Revocation  
 Change of Correspondence Address  
 Terminal Disclaimer  
 Request for Refund  
 CD, Number of CD(s)

After Allowance Communication to Group  
 Appeal Communication to Board of Appeals and Interferences  
 Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  
 Proprietary Information  
 Status Letter  
 Other Enclosure(s) (please identify below):

Return Postcard; Change in Small Entity Status with itemized list of fees paid as Small Entity

RECEIVED

JUL 5 2002

OFFICE OF PETITIONS

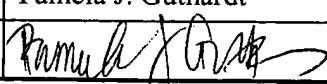
Certified Copy of Priority Document(s)  
 Response to Missing Parts/ Incomplete Application  
 Response to Missing Parts under 37 CFR 1.52 or 1.53

**Remarks:**

<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Firm or Individual name	Charles Vorndran Reg. No. 45,315
Signature	
Date	June 26, 2002

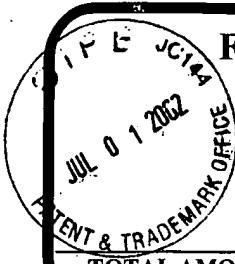
**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: June 26, 2002

Typed or printed name	Pamela J. Guthardt
Signature	
Date	June 26, 2002

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$792.00)

## Complete if Known

Application Number	09/648,777
Filing Date	August 28, 2000
First Named Inventor	SHI, Song-Hua, et al.
Examiner Name	1773
Group Art Unit	Not Assigned
Attorney Docket No.	GTRC55

METHOD OF PAYMENT				
1. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:			
Deposit Account Number	20-1507			
Deposit Account Name	TROUTMAN SANDERS LLP			
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17				
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				
2. <input checked="" type="checkbox"/> Payment Enclosed:	<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other Order
FEE CALCULATION				
1. BASIC FILING FEE				
Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description
101	740	201	370	Utility filing fee
106	330	206	165	Design filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional filing fee
SUBTOTAL (1) (\$)				
2. EXTRA CLAIM FEES				
Extra Claims	Fee from below	Fee Paid		
Total Claims	- 20** =	X \$	= \$	
Independent Claims	- 3** =	X \$	= \$	
Multiple Dependent				
Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				

FEE CALCULATION (continued)					
3. ADDITIONAL FEES					
Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR after Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	218	460	Extension for reply within third month	
118	1440	218	720	Extension for reply within fourth month	
128	1960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) Fee Adjustment				\$792.00	
SUBTOTAL (3) (\$)				\$792.00	

\* Reduced by Basic Filing Fee Paid

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Charles Vorndran	Registration. No. 45,315 (Attorney/Agent)	Telephone	404-885-2689
Signature			Date	June 26, 2002

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#4



USSN 09/648,777  
Customer No. 006980

Patent  
Customer No. 006980  
Docket No.: GTRC55

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of	)	
	)	
SHI, Song-Hua, et al.	)	Group Art Unit: 1773
	)	
Serial No.: 09/648,777	)	Examiner: Not Assigned
	)	
Filed: 28 August 2000	)	
	)	
For: PROCESS AND MATERIAL FOR LOW-	)	<b>RECEIVED</b>
COST FLIP-CHIP SOLDER	)	JUL 5 2002
INTERCONNECT STRUCTURES	)	OFFICE OF PETITIONS

**CHANGE IN SMALL ENTITY STATUS**

Honorable Assistant Commissioner of  
Patents  
Washington, D.C. 20231

June 26, 2002

Dear Sir:

The small entity status for the above-referenced patent application was established in good faith and small entity fees as a small entity were paid in good faith; however, it has been recently discovered that such status as small entity was established in error. Applicant no longer claims small entity status for the above-referenced application.

The attached chart itemizes the fees paid as a small entity, the date the fees were paid, and the difference in fees to be paid. Applicant encloses a check in the amount of \$792 to cover the difference in fees due. In the event the Commissioner determines any additional fees are due, the Commissioner is authorized to charge the requisite fees or credit any overpayment to Deposit

Account 201507  
Adjustment date: 07/05/2002 AWONDAF1  
09/06/2000 PSTANBAC 00000030 09648777  
01 FC:201 -345.00 OP  
02 FC:203 -297.00 OP

Adjustment date: 07/05/2002 AWONDAF1  
12/07/2000 KZENDIE 00000029 09648777  
01 FC:205 -65.00 OP

Respectfully submitted,

Charles Vorndran

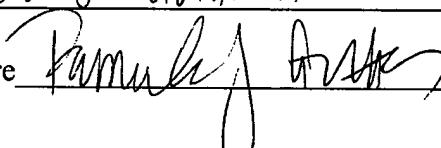
Reg. No. 45,315	01 FC:101	740.00 OP
	02 FC:105	130.00 OP
	03 FC:103	594.00 OP
	Repin. Ref: 07/05/2002 AWONDAF1 0017250600	
	DA#201507 Name/Number:09648777	
	FC: 704 \$35.00 CR	

USSN 09/648,777  
Customer No. 006980

Certificate of Mailing

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Typed or printed name of person signing this certificate

Pamela J. Guthardt  
Signature 



USSN 09/648,777  
Customer No. 006980

### Itemized List of Fees Paid as Small Entity

Date of Payment	Description of Fee (fee code)	Amount Paid as Small Entity	Current Amount as Large Entity	Difference in Fee Amounts/Amount due
August 28, 2000	Filing Fee (1.16a)	\$345	\$740	\$385
August 28, 2000	Excess claim fee (1.16c)	$33 \times \$9 = \$297$ $1 \times \$39 = \$39$	$33 \times \$18 = \$594$ $1 \times \$84 = \$84$	\$297 \$45
November 30, 2000	Missing Parts surcharge (1.16e)	\$65	\$130	\$65
<b>difference total</b>				<b>\$792</b>